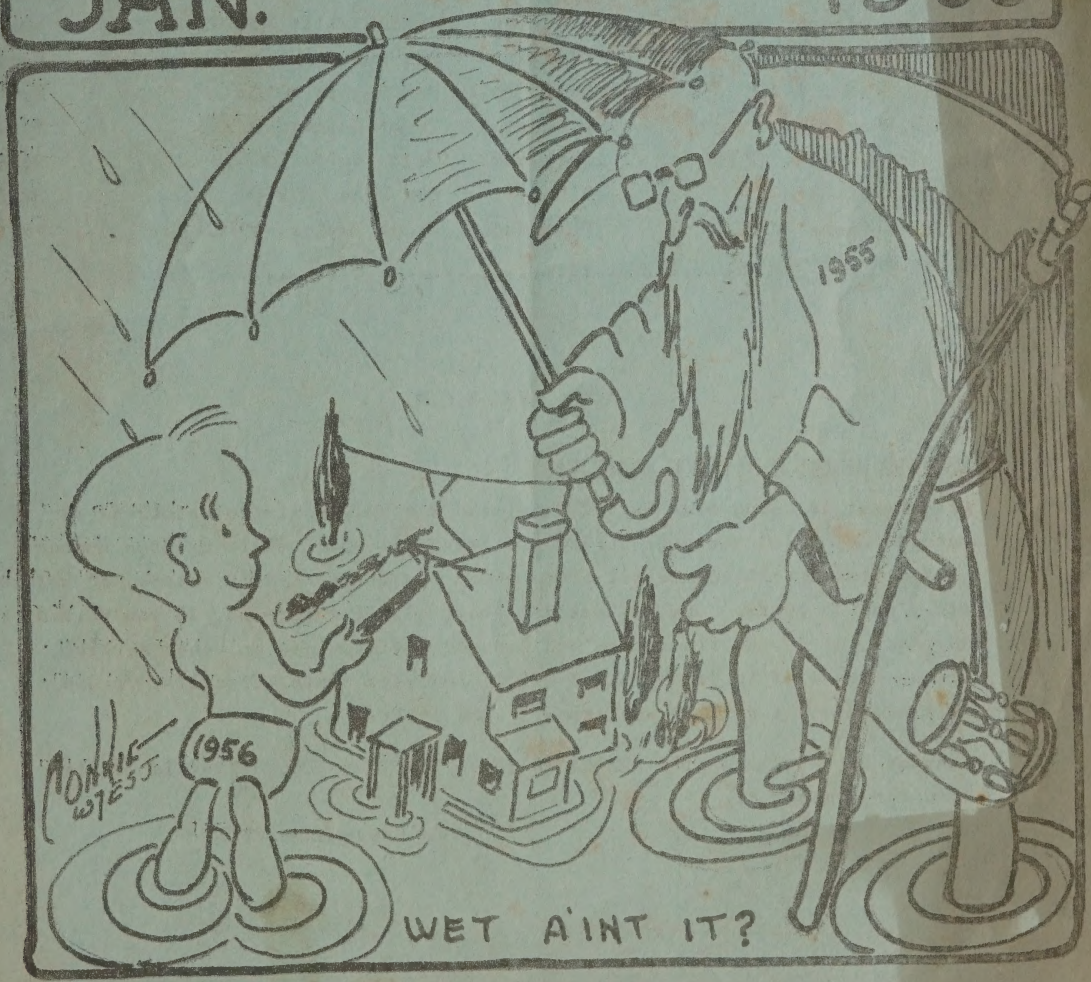
UNITED HAM NEWS

JAN. 1956



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WITH THE S.C.M.

DID YOU HANDLE ANY FLOOD TRAFFIC???

An attempt is being made by W7QYS to make a complete list of stations who handled any flood messages during the recent floods. While a large number of stations are listed, still there are a few who worked 10 meters, 40 meters, etc., and of course, one man couldn't hear all of them. So, if you worked any stations in the flood area and handled any messages or other service, please report it to Jim McCurdy, W7QYS, Fairview Route, Coquille, Oregon. Call and account will be published in QST later.

Changes during the month: W7QYS relieved W7WAT as SEC. W7WAT is leaving soon for a new job.

Ed Conyngham, W7ESJ

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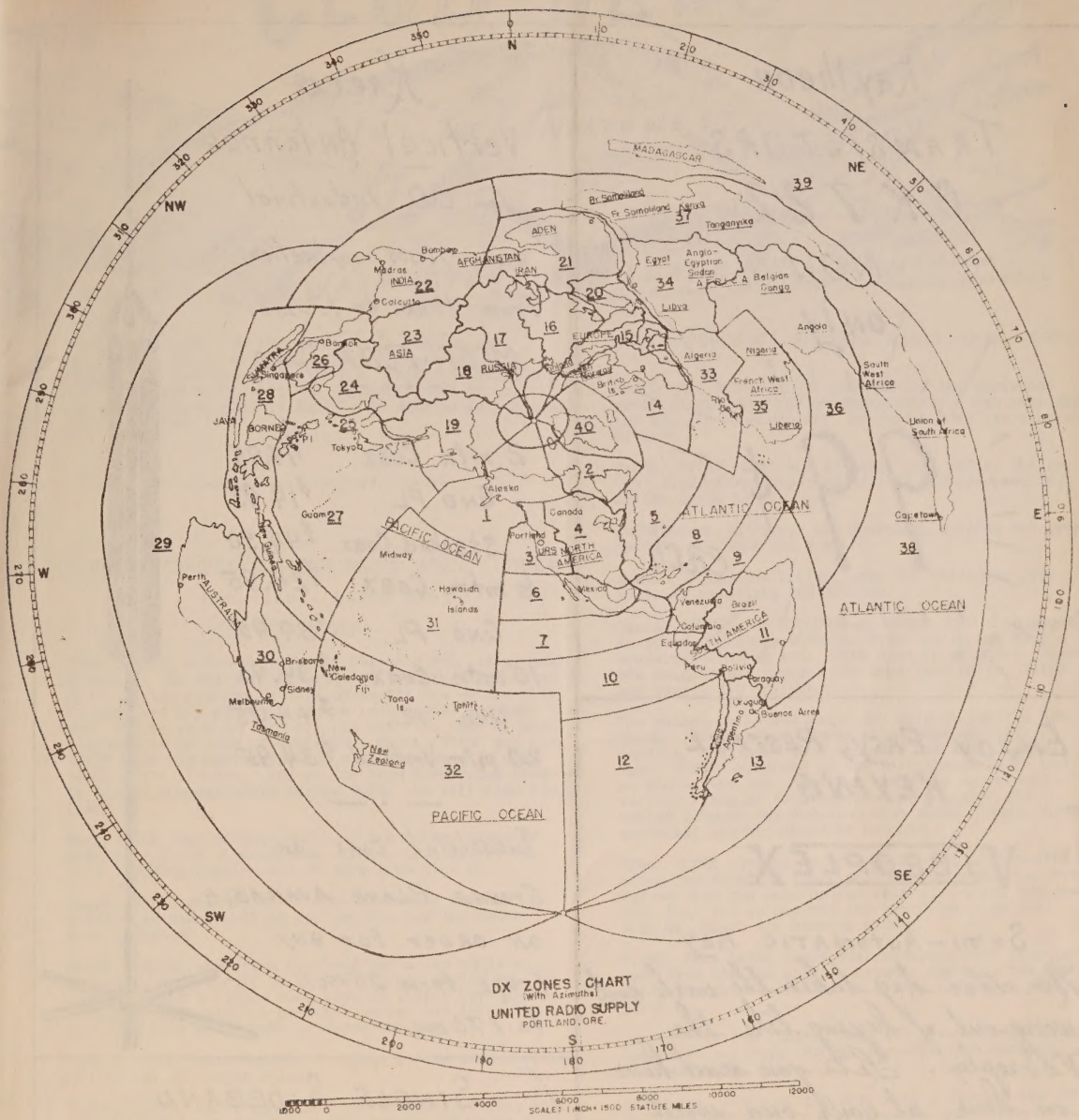

HERE YOU ARE! A GREAT CIRCLE MAP CENTERED ON PORTLAND!

To our knowledge this is the first great circle map centered on Portland to be made available to the Hams of this area. Ed Wright, W7YLO, did a swell job of putting it together. He carefully checked the azimuths from this area to numerable points on the globe and from the checks we have made the map is more than sufficiently accurate for this area.

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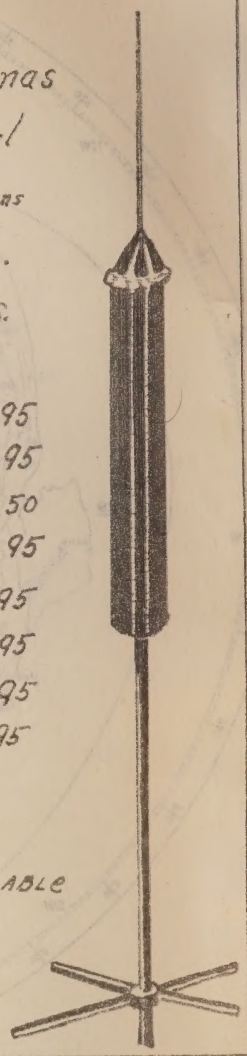

SINGLE SIDEBAND
With your present rig
use
B+W's - 51SB
Single Sideband Generator
A Quality Product

FROM THE EDITOR: We received a note from an ex-N. W. Ham, W7GJJ, George Wernett, formerly of Centralia, Washington. He is now living in Cicero 50, Illinois, and working at the Amphenol Plant No. 3. George's present call is W9SFF. He said he sure misses the North West.

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LOWER COLUMBIA AMATEUR RADIO ASSN. W7NCW

Longview - Kelso Area

SILENT KEY

Duane Names, W7YHA passed away December 6th, in a local hospital. He was born in Longview, Washington October 30, 1933 and had resided in this community his entire life. He received his general license last summer and was very active in ham radio despite the fact that he was handicapped by loss of eyesight. Harry, W7FON and Jim, W7PYV were the operators whom assisted Duane in obtaining his license. And so the Grim Reaper has beckoned to two of our operators during 1955. We will miss you, Duane.

Bob, W7NQE, having many QSO's on ten meters since he erected a three element beam. This, plus his excellent location enables him to work some nice DX.

Henry, W7YKG waiting until some favorable weather arrives in order that he may get his new ten meter beam installed.

W7WSP, Bruce, over from Richland for a few hours on business, gave a call on the land line, saying he wished he had a little more time to linger here as he wanted to make several personal calls, but this trip the land line would have to serve the purpose.

Ernie, W7LHL, from Seattle dropping in for a nice visit on his way to Oregon Points.

W7FON, Harry, our congenial club secretary working the state of Maine on ten meters for a good QSO along with 'yours truly'.

New officers for the coming year are John Holmquist, President, John Nelson, W7AOB, Vice President, and of course, Harry, W7FON, as Secretary who has done an excellent job for some years since he was elected to the task.

Our outgoing President, Frank, W7TBV, put in a lot of effort on the job and is to be congratulated. Built a nice 20 meter beam for the club; Rolly, W7BVO, donated a tower, and installation was made a couple of weeks ago on a rather snowy day by a work party consisting of W7AOB, W7YKG, W7SCM, W7WAY, and W7JKZ; wonder if I missed anyone? Several others had also assisted in preparing the 'ground work'. A few items remain to be done which will be completed before long, so W7NCW will soon be heard on 20 meters with what we hope will be a good strong signal.

Continued:

LOWER COLUMBIA AMATEUR RADIO ASSN. CONT.

W7RCO, Al, Counting the oranges for the Christmas party stockings given by Weyerhaeuser. How many did you say you counted, Al? He should know his oranges by now!

Frank, W7TBV, lost his 20 meter beam during the recent wind storm, hopes to have it repaired and in action again before long.

Herb Nelson, a former ham operator, helping out prospective new hams get a start.

Austin, W7KZI and XYL Vi, over for Christmas time visiting relatives and friends.

George, W7QPM and XYL Vivian, W7SRL down from Seattle to spend Christmas with the W7BV family and what a wonderful time we had. Took time to go up on Columbia Heights and inspect the home that Rolly, W7BVO and family are building.

The annual Christmas party was held at Rolly's Ham Shack. We have had larger attendance at other parties, but those that attended had a fine time. John, W7AOB, presided at the refreshment table and he did a fine job. Another table was spread with various kinds of food expected at a party, the smoked octopus was devoured with gusto. Gene, W7FOL certainly ate his share of octopus.

Fred, W7PWI advises he will be back to club meetings after the first of the year. Been missing you, Fred, but we know you have had so many activities the past year that you seldom had the opportunity to meet with us, or do any hamming either.

W7RNO, Dick being heard over weekends when he gets home from the job site in Oregon. Another ham who is always ready and willing to give a lift at a work party.

Another new ham located here and attended the Christmas party was Paul, W7FEE, formerly from Montana. Works at KLOG, Kelso.

Heard Don, W7WRB on the air, having dropped the 'N' from his call.

At the Kelso Hi School where a class in radio has been under headway, taught by Ray, W7RYJ, we understand that exams will be held in the very near future for the prospective novices; several of them dropping in at this QTH every few days and ye scribe knows that they will pass O.K.

We trust everyone had a good Christmas, possibly receiving some ham gear. So, see you next month.

Carroll, W7BV

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GRAYS HARBOR AMATEUR RADIO CLUB

Another deadlind for news is approaching with Xmas and New Years activity being brisk, thought had better get my copy in early, so as not to overlook ours. We all hope here that all the readers of this find UHN had a grand holiday season.

Our club elected new officers for the coming year, and we have a very FB group of officers again this year. Wayne, W7TZ, is the new President, Ken, W7QER, Vice President, Dot, WN7ZPS, Secretary-Greasurer, Ernie, W7ZA and Ronnie, WN7AYZ, are the new trustees for two years, Effie, W7SEU, holdover trustee for one year. Co-activities manager, Lana, W7RHM and Ray, W7ZOW. Lots of gud luck and the entire group here are with you all.

It is WN7BUI now for Annie Herbstritt. Gene Mouncer has passed his novice exam, no ticket yp to last meeting nite. He has built a neat transmitter and is already to go when??

Bill, W7UMF, is on 75 fone these days, just got his rig on fone last week. Welcome back to the air after several years. Helge Erickson, W7DEV. He was on the 75 fone local rag chew net started by Ernie, W7ZA. Byron, W7ENR, our long lost Ham?? Also back on the air after several months of silen e. Jack, W7CPE, just got moved to his new QTH and promises to be back on the air soon, no mobile yet, Jack, wot happened?

We are happy to report Dewey, W7HF, is getting along FB from his knee injury, of course we believe Dewey's first story of an auto accident, but some of the stories he has told since seem very far fetched for Dewey??

Two meter activity seems to be gaining momemtum lately. Bill, W7VHX and Ray, W7ZOW, have their two meter rigs working. Ernie, W7ZA , also getting his rig about ready to go on 2, not forgetting Elmer, W7AVM, with his 2 meter rig.

Come on Chauncey, W7ABN, get going, your neighbor Helge, W7DEV, is on the air now, why not cause him sum QRM from next door??

Wayne, W7TZ, still going after DX, worked a 33NZ the other day and is now wondering where such a call was from. No such thing in the call book and the guy on the other end never did give his name nor QTH. Anybody have any ideas where this call is located, or wot?? Surprising wot odd calls can be heard at times. Heard a VE0NC on the 80 meter band on CW and listened for some time and he never gave a name nor QTH, and when asked for this info he didn't cum back, tuned down the band and heard him calling CQ again, now wot???

A real nice time was had at our Xmas party, everyone getting a present of sum sort, again our good Friends, Earl, W7PJJ, and Effie, W7SEU donated a surprise for refreshments.

Thru the efforts of several of the local hams at code and theory classes held at the club rooms this year, we have had a number of new hams licensed, tnx to all the guys and gals taking part on these classes for stirring up much interest in ham radio, especially to Ray, W7ZOW and his XYL, Dorothy, WN7ZPS. after getting their tickets, they have attended nearly all code classes helping others get started.

Continued:

GRAYS HARBOR AMATEUR RADIO CLUB CONT.

Understand Will, W7KZ, our fb CW TFC ham is going to get on 75 fone soon to join in the local rag chew net. Never have heard him on fone, but it sure is a pleasure to listen to his CW fist, we know he will do as well on fone.

Oh, yep, Dewey, W7HF and Ken, W7QER, neighbors here, both owners of a KWS1, had a FB QSO (5 blocks apart here) using their new KWS1's. Gud luck on DX fellers.

Ernie, W7ZA, built a new class A speech amplifier, using all triodes with a circuit he personally designed. He reports it sure does the work it was intended to do. Don't know what he was using on 20 few days ago when he tried for DX and worked a couple of Europe hams. Watch it Wayne, W7TZ, he is out after your DX. Make him buy you some more coffee. Speaking of DX, Elmer, W7AVM, had a QSO wid W7LHL in Seattle on two meters a few days ago.

Lana, W7RHM, is now working 8 hours each day at the Montesano Public Library making book repairs. It is still necessary for her to use her wheel chair, but she is making progress, gud luck, Lana, and keep up the gud work.

A plea to all the local hams, please help me make this news report more interesting and perhaps intelligent by giving me sum news items. I am about out, perhaps Wayne, W7TZ, our new president will appoint a new scribe for this job, we hope.

So with the best holiday wishes and a Vy 73 to all,

Charlie, W7ROH

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LEWISTON - CLARKSTON AREA

Sincere good wishes for the New Year, and hope that Santa did not forget any of you. United Radio remembered me handsomely this year as they did last year, also. This reporting does have its brighter moments. (Any takers?)

The severe weather has brought area ham activity to a slow crawl. I don't know if the boys have turned the beams away from me or if I listen on the wrong bands.

However, W7NOG is ready, willing, and able to participate in 2 meter QSO's. Here in the valley the chances to work out on 2 seem remote. Jack hopes to be able to work Grangeville and possibly down Dayton way with a bit of luck.

W7GMC, Dick, still rattling a mean bug on early morning traffic.

W7HDT, Rowland, is almost ready to put the 813 on the air. My theory is that Ham gear either looks good, or it works. Rowland's rig looks too good, I don't think it will work. Rowland has a sign in him Ham Shack which states: 'We don't do much work, but we sure do pretty work.'

Continued:

LEWISTON - CLARKSTON AREA CONT.

W7IDZ, Pat, driving a new car and twice as busy as one guy should be. When can we help you install the mobile, Pat?

W7VIO, Jim, working on parallel 814's.

W7PKR, Bert, hiding out on 10 meters.

W7UJA, Dave, listening to the dead silence on 6 meters.

W7OWA, Jim, still busy with T.V.

W7YBV, Harold, worrying about 304TL's again.

That's all I have for this time.

73 until next month.

W7UJA, Dave

****

WALLA WALLA VALLEY RADIO AMATEUR CLUB

The club now has new officers, elected on the first Monday in December. They are President, Russell Peck, W7YIQ; Vice President, Bill Jensen, W7QHR; Secretary-Treasurer, Dean Hudson, W7YCO; Board of Directors, Glenn Dubbs, W7EMP, and Ed Goodman, W7GYH. A big thank you goes to the officers who have just completed a good year, and best wishes to the new bunch.

Also at the annual meeting, the club had the privilege of hearing a talk by Mr. Ed Watson, County Civil Defense Director, in regard to the part the hams will play in the defense set-up, RACES, and other pertinent subjects. Mr. Watson shwed a short film, 'Operation Welcome', which demonstrated the evacuation procedure in case of emergency in a community.

Vernon, WN7BYD, was happy to get his Novice ticket in time for the holidays. When he gets his transmitter completed he'll be on the air.

Jack, WN7AKD, says one of his best Christmas gifts was the notice that he'd passed his exam for conditional class. He hopes that the 'N' will be a thing of the past by the time this comes off the press.

Dave, W7RHD, and his XYL are moving out of town right after the holidays. We'll miss Dave at the club, but will expect to hear him on the air.

Clarence Stumvoll, W7VUL, who is chief educational therapist at the Veterans's Hospital here, was recently installed as president of Local 81, National Federation of Federal Employees.

The biggest surprise of the Christmas season in these parts was when Russ, W7YIQ, finally put his new DX-100 on the air. Until then his QSL cards could be classed as rare collector's items. Already they're becoming less rare. He's been heard several times on the local 10 meter 'hot stove' net. He's having a little mike trouble, but will have that ironed out soon.

Continued:

WALLA WALLA VALLEY RADIO AMATEUR CLUB CONT.

Newcomers to the club, and to the airwaves were John Fletcher, W7BOQ/7, and Nolan Cramer, W7UHY. We're glad to have them with us.

At the last club meeting we asked the boys for a brief statement of activities, and here are the results -- much better than if your reporter had tried to guess at the activity:

Gayle, W7YBF, fighting TVI.

Lawrence, W7YBE, worked my first ZS for an hour.

Murray, W7NSU, moved gear upstairs to bedroom - now trying to figure out way to sling hammocks over bathtub to make room for more ham gear in bedroom. Working strictly on 10 meters.

Ed, W7FFD, building equipment for 2 meter band.

Warren, W7YEM, still looking for some good phonetics for my call.

Pat, W7GVC, working 10-75 meters.

Newt, W7FMJ, 160 meter net - 10 and 2 meters.

Lee, W7VOL, got TVI on 75 and 20 pretty bad. Been getting on 10, 15, and 20 in the daytime with my DX-100, and now have 44 states. Need N.H., R.I. (W1); La., Miss. (W5); Worked VE1-7, KL7 JA's, KH6's, and CX2. (He also worked the ham who designed the DX-100. Quite a thrill!)

Dean, W7YCO, conditional as of November 4, 1955. Working mostly 10 - 15. Between hamming and skiing, keeping busy.

Best wishes for a happy DX New Year!

73, Lucile , W7YDF

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W7OTV - TUALATIN VALLEY RADIO CLUB

Christmas is over and I have a new grid dip meter as a gift from my wife. Seems as though it was many months ago I dropped the hint and I had figured she had forgotten what I needed. Hope all the gang fared well in the ham gear line at Christmas.

The meeting of the 26th was devoted to deciding which MARS nets we will check W7OTV, or rather A7OTV on, and considerable time was spent trying to round up more parts for the club transmitter . A transmitter and receiver was sent out by Captain Bentson for use by A7OTV and a bit of discussion pertaining to its use and conversion was heard from all attending. Jim, W7SEZ picked the equipment up and brought it to the meeting.

The 'Monsoon' rain just prior to Christmas weekend had the valley pretty well cut off in all directions for an hour or two from numerous slides and washes on all main roads. Luckily the rain stopped in the late afternoon and the swollen streams receded rapidly, relieving a situation that could have developed into an emergency. Numerous members, myself included, had basement flooding and we've kept busy trying to get pumps rigged to keep ahead of the water.

Continued:

W7OTV - TUALATIN VALLEY RADIO CLUB CONT.

December QST arrived and we find W7OTV in eighth place in the 1955 Field Day. We entered single transmitter class again this year and came up from 11th place in 1954. Some discussion during the meeting brought out numerous ideas to put us even higher next Field Day, with first place in the nation as our goal. With only two competitions under our belt, hitting 11th the first time and 8th the second, we are going to be hard to hold down this coming year. Recalling our weak points and equipment shortcoming that held our score down, we have made plans for improvemants.

A Single Side Band exciter was recently built at this QTH and at the moment a lack of a calibrated signal generator and audio source is slowing its alignment. A voice control break-in and audio amplifier has been built and adjusted, designed to work into the existing keying unit on the home station. I figure this little ne s item will put me in the dog house with all the other members. I enjoy building gear more than any phase of the game and in a weak moment tuned in a SSB on 20 meters. What mostly decided it was the available parts in the juhk box and a set of the appropriate xtals.

News of other members is mighty scarce. Will try to do better next month.

73's

Bob Griffith, W7QKX

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EUGENE HIGH SCHOOL RADIO CLUB

Other than the contest that is almost over now, there is not much to be said. It was necessary to call off the short wave listeners section of the 'Christmas Vacation Radio Contest', however, the amateur radio division continued on as was planned. The results will be listed in next month's issue of Ham News. At the time of hhis writing all the fellows were out of school and having a good time, so there isn't anymore to write about.

73

Gordon, W7UUD

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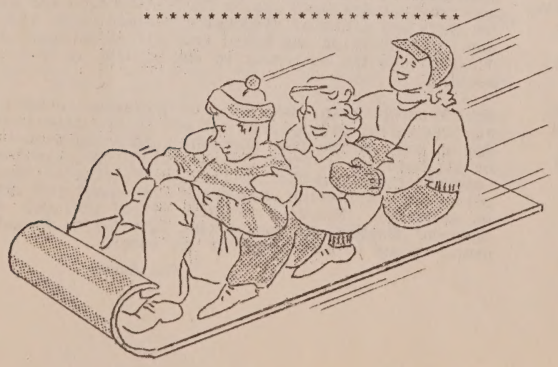

CENTRAL OREGON NEWS

The New Year is here, and I hope that it will be good to all of you and that you have had a fine holiday.

Since the last news was compiled we have had two club meetings. The first one was held at the court house. About twenty attended. Ione Jorgensen, W7ZLS, furnished the refreshments and Don Stewart, W7HBO, gave a talk on working DX and showed us some of his choice cards. Al Jorgensen, W7ZLR, our president, said that if we worked hard he thought that we could have our next meeting in the Quonset hut. We had a pot luck dinner, which was attended by more than 50. There were games and a songfest. We had lots of music furnished by Al, Ione, and Alan Jorgensen, Harley and Marge Nimmo, the W7TGRs, and Johnny Klobas. The Klobas' brought a guest, Miss Ingrid Schratzberger, who is an exchange student here from Austria. She and Johnny danced several old country dances.

We also had with us Ed and Phyllis Long, the KL7ENC/BAPs, from Yakatat, Alaska. Ed used to live just a few miles out of Bend, and Phyllis is one of CORA's first pupils. We also danced and all had a good time. The only mistake made was in estimating the crowd. Thought there might be thirty, but prepared for forty, so a few of us ate atanding up and holding our plates but it was great fun.

A most amusing stunt, with Dale Tussing, W7UFR, as the 'victim' was performed by Harold Eckes, W7KYO. After the 'horseplay', Dale was given a life membership in the club and the chair that played a part in the stunt. Agnes Eckes was the doner of the chair. In presenting it, she remarked that Dale should feel honored. You are the first man that ever sat in it. It was from a beauty parlor.

The next project at the hut is painting the walls and sanding and polishing the floor. We have a good daveno that was donated by a friend of the Stewarts in Redmond. Byron and Afton Sears, the W7QJZs, gave us a gasoline range and the Eckes also donated a nice two burner hot plate, and a small all-metal table. the latest addition is a juke box, which we hope will soon pay for itself.

Among callers at the bike shop were Don Peters, W7JVO, and family from Lakeview and Bud Larson, W7LNG, from Medford. (Sorry you couldn't get over to the house to see us, Bud, B & C.)

The W7HVXs, 'Red' and Opal Williams visited in Prineville and Bend over the Christmas holiday. About three days before, we had list our TV antenna in the storm. It was 'fouled up' with the 75 Meter antenna and the transmitters wouldn't load as they should. In less than an hour, with the help of his son, Bob, and W7UFR, they were both back in working order. 'Red' and Opal spent Christmas night with us and we enjoyed the usual gabfest.

A few personal notes and I'll call it a day or somethin': The Jorgensens spent Christmas in Washington at Al's parents. I think it's near Chehalis. Sherry, W7ZLT, is building a 50 watt phone rig, under the directions of W7GNJ. It is going to have a 6B26 modulator. I think it uses three of them.

Continued:

CENTRAL OREGON NEWS CONT.

The W7CNAs, Ed, Jaunita, and Linda Laier and Wayne Powers were over one evening about a week before Christmas.

Bill Boring, of Ochoco Ranger station, got rid of that 'N' and is now W7YQI.

Bruce Scott, WN7ZND, spent a weekend with David Yarnes W7AQK. David has now worked 20 states on 80 CW.

The W7QKWs, Chet and Marge Lyons, spent the holidays in Portland.

Gladys Wolf, Mrs. W7ANU, is home from the hospital, and Boyd and Paul are enjoying living again.

As usual, we received 'bushels' of Christmas cards and we get a thrill out of everyone of them, especially the ones containing notes and letters. We only received one this year that we couldn't acknowledge. It had no return address and the cancelling had almost missed the envelope. I think that it was hand-stamped, so was no doubt mailed in a small office. It was signed Jim and Cleo and we know a half-dozen Jims. We're sorry.

Must get this in the mail, so 'Bye now and 73,

Bea Austin - W7HHH

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PORTLAND AMATEUR RADIO CLUB

W7HVX, Red Williams and family traveled to Bend and Prineville for the holidays. Red, his son, and Dale, W7UFR repaired the damage caused by ice to the Channel 13 antenna system at the W7GNJ-W7HHH residence.

W7VBH, Joe Bean got the old razzberry lately -- seems he just couldn't do much on 6 meters -- until he found his antenna was connected to the wrong terminals. Anyway, Joe, that's not as bad as the local ham who tried putting a microphone connector up to a co-ax fitting.

W7VT, Bob, and son Alan are furthering the art of radio. Seems that the Jr Op got a new kit 1 tube received for Christmas. Now Bob will really have to look out for BCI. I always thought one of the 3 harminics would get the radio bug.

W7SRK, Joe Higgins has accomplished a masterful feat. He has retrieved the ham shack from the dark confines of the basement to a main floor space. Let's hope Joe really gets in the operating time now that everything is more convenient.

The new year finds plenty of antenna problems. Ice, snow, and wind took a heavy toll. W7OKV, Ralph's beam went over. W7JIP, Len's feed line dropped off. W7NGW, Ron't 80 meter antenna found its way to the ground. W7OAY, Glen also lost a beam.

Continued:

PORTLAND AMATEUR RADIO CLUB CONT.

W7NPF, Harry says the XYL seldom uses the telephone, but just let him get on the air and watch the reports come in about his causing interference on the phone.

This report may not be quite up to par due to your reporter being slightly incapacitated. It gets a bit tiresome typing all this standing up. I just returned from the Veterans Hospital after a hemorrhoidectomy.

The next meeting of PARC, Friday, January 13th will present Dick Pooley, W7HOY, as speaker on 'Communications in Rescue and Search'. This subject should be very interesting to all amateur in this area because it will help outline how we can best help when communications are needed.

Don't forget to round up items for the auction to be held the 1st meeting in February. Here's where the XYLs can help you empty those shelves.

73

Ron Mayer

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BREMERTON

Happy New Year and many thanks for all of the Christmas cards and season's wishes.

Congratulations on the fine business work done by the hams in Washington, Oregon, and California during recent California floods. Thanks fellows, you did a swell job.

Bremerton gang is building a transmitter to be installed in the sheriff's office.

News from ex-W7KKI, Doc, who is located now in Bethesda, Maryland using call of W3ZMS on 15 meters, also 10.

W7MNR still trying to get on mobile.

Teen age hams are having good rag chews about school work. W7VAQ got A in math.

73 and Season's Greetings.

Betty Pearl Elder

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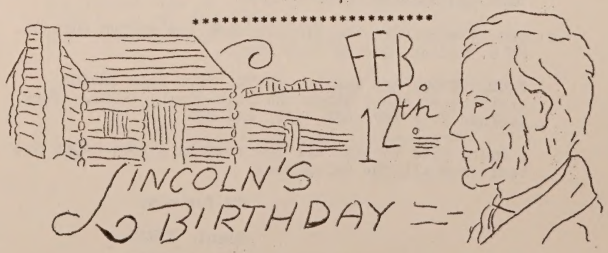

'I note through the past several issues of recent call books, many of the newer calls, W7 and others, are not listed. My understanding is, Call Book magazines will publish these up to date calls, and QTHs if the gang will notify them of address changes. Otherwise they never get listed. 4 bucks is a lotta dough for a book that has hardly anymore new calls listed than an issue of 2 or 3 years back. How about it fellows, let 'em know where you are so the boys that work you can look it up in the Call Books. A two cent post card will do the trick.'

Jack, W7CHN

SALEM

Ole, W7QVY, now has a final consisting of a pair of 837's in grounded grid. He is driving it with his Harvey Wells TBS-50.

Don, W7WJC, took his 15 meter cubical quad down, and did some work on it. He now has it up 85 feet.

Our local WAS contest is this month. By the time this edition is out, it will be half over with. Gordy, W7UGQ (last year's winner) and Mac, W7FMX (second-place winner) are captains of the two teams. Even Oliver, W7OUT, will be doing some operating.

Terry, W7VZZ, now has a 4-tube, 2 meter converter ahead of his S-40A. I guess the VHF bug has really bitten him, because he has even sold his low-frequency transmitter.

Spence, W7TMF, has had a minor accident with his Gonset 20 meter beam. It seems that during a wind storm, the beam came crashing down 75 feet to the ground. Really a mess.

Chuck, W7LBV, has a new Viking Ranger. He sure puts out a fine business signal.

Dave, W7VZW, has a 15 meter quad up 25 feet. He plans on doubling the height, but he's doing OK as it is.

Leo, WN7AUP, has passed his General Class ticket and he's just waiting for the paper.

Coy, W7RBU, had a little trouble with his antennas. His 15 meter beam came smashing down on his 10 meter beam and damaged both of them.

Leo, W7AGS, also had trouble with his sturba curtain. He's putting up a 60 foot tower.

Fred, W7WTM, and Lucile, W7WTK, have been having visitors at their shack the past couple weeks. They include W7's RKP, RER, AAI, and BRN.

I would like to wish all the readers a very Happy New Year from all the Salem hams.

73 for now,

Brent, W7WJB

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PORTLAND ROSES

We will begin by wishing all our friends a happy and prosperous New Year.

WN7ZMN, Phyllis, sends her best wishes to all from Long Beach, California where she will spend a few months of her vacation.

W7RVM, Helen worked part time during the Christmas rush, also entertained for Christmas and a New Years Eve party. Helen will be net control for the NYLON net on Wednesdays for the month of January.

W7QKU, Donna made BPL in December. Contratulations, Donna. Donna entertained her parents and family for Christmas. Dave's family for New Years.

W7ENU, Mary and family, had the Lloyd Sundstrom family, W7FCC, from Vashon Island for a three day visit during the holidays. The Davis family and Sundstrom family were neighbors in Nome, Alaska fifteen years ago. The Sundstrom's visited in Nome last summer and took colored slides of familiar places and friends. Al and Mary enjoyed seeing the pictures of the old home. Mary is making plans for a Sour Dough Net, with other ex-Alaska hams.

We are glad to welcome a new YL ham to Portland. W7BHZ, Jan, the XYL of W7KOF. Jan came here from Arizona. We hope to see you at our club meetings, Jan.

Portland YL's were in evidence during the recent YL contest. W7RVM, Helen, W7QKU, Donna, W7ENU, Mary, and myself W7QXH, were all giving scores, and are now collecting new YL cards.

W7SPC, Jean will soon be on the air with her own 32V3 under her own call. We will be listening for you, Jean.

The Portland Roses meeting date was postponed because of the holidays until January 9. Any YL ham is invited to our club meetings. The next meeting will be with Marianna, W7WFO. For more information, you are invited to contact any member of the Portland Roses.

Secretary,
Eileen, W7QXH

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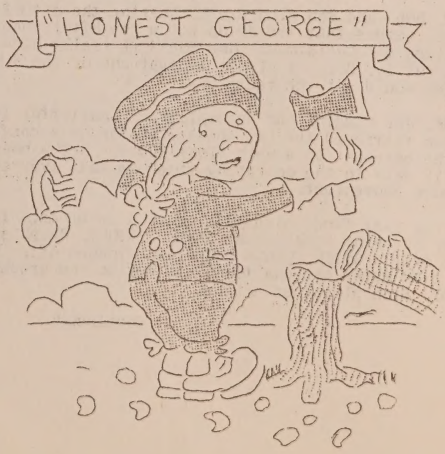

TILLAMOOK

The Tillamook Radio Communications Club would up the year 1955 with two lively meetings, the one on Wednesday evening, December 14th being at their Tillamook clubroom, and due to a change in plans--the Christmas party was held in Rockaway.

18 attended the Tillamook meeting. The secretary, June Cawley, WN7ZNG, reported that our tenative C.D. plan was back from the Salem office, and would be submitted to make the rounds for approval at the different levels as soon as the other copies are made and sent.

Charles Chard had received his Novice call -- WN7CAI.

Bruce Cawley, WN7ZNK, and Vern Chard, made their contributions to the Birthday penny jar.

As some school programs were scheduled for evening originally planned for the Christmas party, it was decided to have it on the regular night, the fourth Wednesday, at the regular place, home of Del Walpole, W7UDZ. The crowd was to gather around 6:30, start with a meal, followed by business meeting, then a party, with exchange of gifts. The Activities Chairman, WN7ZHX, Everett Haughman, and his XYL, were to plan the meal and let folks know who was to bring what.

38 attended this Christmas meeting. The Chards had two guests, some neighbors of Walpoles were there, and June Cawley's mother. The first item of interest was the fact that Everett is now W7ZHX, his General ticket having come in the mail that day. Mailed in Washington D.C. December 20th, the Christmas rush of mail had apparently slowed it down. No one knew he'd taken his General. All had been urging him to go in for it.

Ham, scalloped potatoes, salads, cake, rolls, coffee, were all there in abundance, and enjoyed.

At the business meeting the members discussed possible emergency power sources for use with C.D. equipment, future entertainment of some other clubs, and activities of the different members. Earl Duke, W7Wild Old Wolf, asked about communications. The secretary had none, but he had a copy of an intercepted letter to Santa which he read. From it we learned much of the needs and desires of various club members. Very informative!

After the meeting, the younger generation present exchanged gifts first. Then the club members and guests. There was a wide variety in the kinds of gifts given.

But no wider than in the contents of a large group of wrapped parcels contributed by Frieda Baughman, and auctioned off by Earl Duke. The Club coffers were richer by nearly ten dollars after the lively bidding ans selling. The package might contain earrings, toothbrush, shampoo, gun in holster, kerchief, tooth paste, doll, soup, nuts--you never knew until you'd bought and unwrapped it.

W7 Wx was cold the evening of the 28th, with some icy pavement, but everyone enjoyed the evening, and thought it worth the trip.

Del, W7UDZ, his XYL, and 3 boys, went to Roseburg on Christmas day to visit Del's brother and sister-in-law, back home on Monday.

June, WN7ZNG, expects to go up for her General soon.

Continued:

TILLAMOOK CONTINUED

Pat and Les Diercks, WN7ZNJ and ZNI, say their TV set is not working, that they've got some code records, and will not have the TV repaired until they're ready for their Generals.

Everyone was very sorry to hear of the wind damage at the Diercks' home on December 14th. Early that morning a strong gusty wind did a good job of tearing to pieces and wrecking a partially-built, 4-room addition to their house. Les said the wind lifted the roof and scattered it, a total loss, and there was about fifty percent damage to the rest of the new part.

Charles, WN7CAI, now has a 30-watt home brew rig on the air, built mainly in two bread pans. Del suggested he add more yeast, if he wanted to raise power.

His day, Vern, has finished building the oscilloscope he's been working on.

Dennis Duke, W7WHO, got up early one morning and worked 9 stations in Japan on 40 CW.

Ed Weston, W7HNR, is still busy chasing bugs. His own big rig has had some since he got it back on the air, and he's the one to whom club members turn for help or advice if they're plagued with rigs causing TVI, BCI, or that just plain won't work.

His son Paul, W7ZKH, has been sending CW with a Latin rhythm since working Cuba.

Dave, WN7ACE, has some work ahead of him with the 1-tube received kit Santa brought him.

Driving home from Portland December 5th, Bill Taylor, W7PPG, saw a Montana car with a whip. Looking closer, he saw a call, W7UPR, Frank Hart of Kalispell whom He'd worked. So they stopped, and had a visit. Frank was on his way to California for Christmas.

Del, besides having a couple more homicides to take care of, was called to care for a stray bomb on the beach. After the bomb was delivered to the Coast Guard station, and various experts were being consulted, the owner protested. The de-activated bomb had been brought home as a souvenir to a local boy who'd left it temporarily and it had been stolen!

W7WFO, and W7WFP, Ty and Marianna Kearney, of Portland, stopped on December 2nd to see the Dukes and the Taylors.

The Cawleys and the Diercks visited with the Baughmans; the Walpoles, the Baughmans, the Cawleys, and W7FNX--Earl--and family and Johnnie, W7KQN and XYL, of Astoria, have been among callers at the Taylor home.

The T.R.C.C. wants to wish all your readers a very successful year on the air, good DX, and many new friends on the air. May they all order the new gear they want and live at peace with their neighbors!

Beth Taylor, W7NJS

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ALBANY

Boy, what lousey weather, only good thing about rain is you don't have to shovel it, to quote a recent arrival from Minnesota. Anyway, if I wasn't wading around in this dern surface water, I would have more news and would have it on time, if it wasn't for Terry Holm, a lot of you fellows would be left out this time.

The following brought in by Terry, WN7ZRS, rig working FB now. Just waiting for a break in the weather to put up his 15 meter beam, says he got the idea for it from CQ Mag.

WN7ZBW and WN7AKN, the Huntleys, working east coast on 40 CW, also waiting to hoist same kind of beam up into the windy, wet, blue.

WN7ZTK, Lauren getting over his stage fright and getting on more.

WN7ZBP, heard he passed the General and is building a modulator.

WN7AJY and WN7AFQ have a hatfull of xtals for the novice bands and also have plans for fifteen.

WN7BGR says mostly 80 but heard him yackity yak on two meters.

WN7BOL's code speed improving, must be heading for the General class.

W7QLC says the theory class is doing fine, good work, Pete.

W7KKP has a new TV set in the home, only TVI so far is from Dopey.

W7DKG, and W7BLU sure giving those DX-100 rigs a good work-out.

W7OU just back from spending Christmas in the good ol' Southland.

W7CN and W7LEX been plenty busy on the overtime because of bad WX.

W7FSY says Santa Clause was good to him, but we don't hear him on.

W7FJY says business rush is over, so maybe more time to ham.

W7DOP has small clamp Mod going, but a little trouble from TVI.

W7FLH bought a new TV set so don't expect too much hamming there.

The club had a nice potluck supper in Lebanon and pictures were also shown. The New Year should see lots of activity from the Lebanon, Albany area from reports gathered at the club meetings.

All we have to report for this time from the middle of Cox Creek, so we will see you all when the water goes down and I can take these high top boots off.

73

Dan Molver, W7DOP

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BELLINGHAM AND WHATCOM COUNTY

W7TIZ has erected a new 10 meter beam and is working out very nicely. Gary uses a Globe Scout and works out on all bands.

Several operators have been taking a turn at the higher frequencies. A few locals heard on 10 and 15 meters are W7HRH, W7RFX, W7TIZ, W7VRO, W7VCB/M, and W7YEQ.

W7VCB using 60 watts of power via the mobile antenna working good 10 and 15 meter stuff. Best contact was W2ZXM/MM Capt. Kurt Carlson just crossing the international date line in the Pacific.

Through W7MBY, Ray Johnson, we learn the the Mt. Baker Radio Club will move to new quarters very soon. The club is expected to be located in the old court house building near the Whatcom County Civil Defense Organization. This sounds like a very good idea. This area is surely in need of a good radio club and has plenty of material.

The Bellingham High School Club is expecting a new NC-300 and a high-powered transmitter.

Up on the hill at Western Washington College the gang is hoping to stage an open house very soon to create interest in the newly formed club there. The open house will probably be on a Tuesday and it is hoped to contact other college radio clubs during the day. There are about seven hams in school there this year and with a little boost it should be a pretty good club.

Other than this little bit of news, it's mostly business as usual. There are a few new novices, but we don't have their names or calls.

With that we will say a belated Happy Nes Year to the many readers and best of 73s.

Ken Bale, W7VCB

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OREGONIAN AMATEUR RADIO SOCIETY
W7YYE

Seems as though reporters are scarce for news of club activities. Will try to give a few notes of things that have been happening.

The membership have finally received their buttons, so now when they go to club meetings, they can talk to each other.....but nice, especially for the visitors.

Bill, W7TOJ has been working quite regularly with the six meter gang here in Portland. Lately he's been working on a six meter beam----converting a channel two yagi....good luck, Bill.

Continued on next page:

OREGONIAN AMATEUR RADIO SOCIETY CONT.

On December 18, sixteen members handled traffic from Barnes Hospital. This project worked out very successfully and the members are considering doing it again sometime.

We have a few new members to the club. They are; Gene Weidmaier, W7OGI, Dick (R.K.) Brown; Oren C. Miller; Johnny, W7YQJ; Ken, W7OAP (Old Age Pension).

'Wildfire', W7QWE and XYL are busy as ever, they came out early the other evening and scrubbed out the clubhouse. Tnx folks, that was very considerate. Wildfire also mentioned at the meeting that the station is ready for operation, except that the antenna has come down and has to be put up again....looks like a job for the antenna committee.

'Hot Lips' (occasionally called Arky) W7JCJ is sporting a bright (Christmas) red vest.....man! That shore is a purty one, Arky!!

'Backfire' (Al Wiskoff) is back in there again, this time he's offered the club a ten meter beam.

Speaking of ten meters, there is some talk of the O.A.R.S. taking over the 29.2 net and operating it as a regular club net. Sounds like a good idea. That would be nice also for the club members who happen to miss out on an occasional meeting to still keep up with the activities if they so desired. So you guys better get your rigs fixed up for ten meters... C U on 10.

Have you met 'Catfish', now friends there's a mighty nice guy to get acquanted with, but he's kind've bashful. The reason I say that....well, it seems as though the code classes (and theory classes) needed an instructor, and knowing Bill, W7PRU (now called 'Catfish') to be qualified they approached him to do the job, but with tears in his eyes, he declined...the reason, oh yes, he's bashful!!!

Plans are being set up for Field Day. We have lots of preparations to make prior to that time, so any of the members that want to get in on the act should start making their reservations now...the charges so far are nil....so you shouldn't have to worry, i.e., come on out and help us plan.

Jeff, W7YFL has gone all out now. He's traded in his Adventurer and picked up a Ranger.....Mmmm Boy!!

Les, W7NOL (Never Out Late) has been unable to get out to many of the club meetings because of his job----hope you're able to get back soon, Les.

The O.A.R.S. meets on the 1st and 3rd Friday of the month at 8:00 P.M. The location is the Multnomah County Target range at 94th and Powell. Visitors are always welcome.

Larry, W7SRR

****

Model 26 Teletype machines ARE NOW AVAILABLE FOR A VERY LIMITED TIME to those interested in the art of RTTY. The machines are being released by P. T. & T. through THE PUGEST SOUND AMATEUR RTTY SOCIETY. These machines are being replaced by newer types and are in excellent condition as a rule. Only a limited number available and they are being sold through the RTTY Society on a non-profit basis. The cost of the machines will be around $53.50. Buyer must be willing to sign waivers of commercial intent (to protect P.T. & T. and the Society) You MUST BE A BONA FIDE LICENSED AMATEUR TO QUALIFY. For further details contact:

E. A. Eastman, Treasurer
3360 East Laurelhurst Dr.
Seattle 5, Washington

THOSE INTERESTED ARE URGES TO WRITE IMMEDIATELY SINCE ONLY A LIMITED NUMBER WILL BE AVAILABLE AND IT IS NOT KNOWN IF THIS OFFER WILL EVER AGAIN BE REPEATED.

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ELECTRONIC PROJECTS

Henry Francis Parks Laboratory, 104 S.E. 57th Avenue, Portland 15, Oregon, is offering eighty electronic projects to hams, experimenters, small industrial plants, research laboratories, etc.

There are twenty-five categories covering ham gear, timers, Geiger-Mueller & Scintillation Counters, intercoms, relays, power supplies, organs and musical instruments, model controls, remote controls, test apparata--just to mention a few -- in the electronic field.

The Company offers the requisite circuit diagrams to build this various apparatus, and in some cases, furnishes complete mechanical drawings of the entire project. Every project issued has had extensive design, a prototype model made, and life-tested, before release.

The eighty projects are contamned in Catalogue No. 4 which is available without charge upon written request.

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SURPLUS AT UNITED

HS 1101	500 UUF-20KV Ceramic Condenser	$.49 ea.
HS 1103	40-40/150V 250/10V Tubular Cond.	.49 ea-
HS 1104	.008-1500V Buffer Condenser	.19 ea.
HS 1106	.001 - 1500V Buffer Condenser	.19 ea.
HS 1107	.125-1500V Buffer Condenser	.19 ea.
HS 1108	.05-1500V Buffer Condenser	.19 ea.
HS 1109	.001-6000V Tubular Condenser	.19 ea.
HS 1110	.005-6000V Tubular Condenser	.19 ea.
HS 1112	Asst. 2 Gang Broadcast type Cond.	.69 ea.
HS 1113	200MFD - 150V F.P. type Cond.	.69 ea.
HS 1114	30/30-150 V FP type Condenser	.39 ea.
HS 1115	7-45 MMFD NPO Trimmer .19 each	10 for $1.49
HS 1116	2M FD-1000VDC Oil Filled Cond.	1.49 ea.
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HS 1120	10MFD-1500 VDC Oil Filled Cond.	2.98 ea.
HS 1121	8MFD-1500 VDC Oil Filled Cond.	2.49 ea.
HS 1122	15MFD-100 VDC Oil Fulled Cond.	2.49 ea.
HS 1123	10 MFD 1000 VDC Oil Filled Cond.	1.98 ea.
HS 1124	1 MFD-600VDC Oil Filled Condenser	.19 ea.
HS 1125	2 MFD-600 VDC Oil Filled Condenser	.39 ea.
HS 1126	8 MFD-600 VDC Oil Filled Condenser	.89 ea.
HS 1127	10 MFD-600 V Oil Filled Condenser	.98 ea.
HS 1129	8 MFD 660 VAC Oil Filled Condenser	1.39 ea.
HS 1130	8 MFD-500 VDC Oil Filled Condenser	.49 ea.
HS 1131	8/8/8 MFD 500 VDC Oil Filled Cond.	1.98 ea.
HS 1132	1 MFD 1500 VDC Oil Filled Cond.	.69 ea.
HS 1133	1 MFD-3000 VDC Oil Filled Cond.	1.69 ea.
HS 1137	8 MFD 450 VDC Tub Condenser	.39 ea.
HS 1138	500 MM 25 KV	.59 ea.
HS 1139	30-30/150V Tub	.39 ea.
HS 1140	20 MFD 600 V	.69 ea.
HS 1141	40/40/100 MFD 475/250/25 WVDC FP Type Condenser	.69 ea.
HS 1142	40/20/20 MFD 150V WDC Tub Cond.	.69 ea.
HS 1143	Condenser 500 MMFD 30KV	.69 ea.
HS 1144	Condenser Electrolytic, can type 8 MFD 450 V	.39 ea.
HS 1145	Condenser, Electrolytic Can type 30 MFD 500V	.49 ea.
HS 1146	Condenser, Electrolytic Can type 8-8 MFD 450 V	.49 ea.
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HS 1148	Mica Condenser .01 2500 VT Type 4	.49 ea.
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HS 5121	750 ohm 10W Resisters	.19 ea.
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HS 4103	Output transformer Pri. 8000 ohms Sec. 3.2 ohms	.49 ea.
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HS 4105	Power transformer 500VCT-50 Ma 6.3V-2A 5V-2A 110V Pin	1.98 ea.
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HS 4110	1H-150 MA Choke	1.19 ea.
HS 4111	Filament transformer 6.3VCT-10A 12.6V or 18.9V-1.2A	2.98 ea.
HS 4112	Power Transformer 700VCT-300MA 6.3V-9A 5V-3A 5V-3A	6.95 ea.
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HS 4116	Filament transformer 6.3V-16A 6.3V-2A	2.98 ea.
HS 4117	Filament transformer 6.3V-14A 123V-.75A	2.98 ea.
HS 4118	Dual 10H-75 MADC Choke	1.29 ea.
HS 4119	Filament transformer 6.3V-4Amp upright mounting	1.49 ea.
HS 4120	Vibrator transformer 190V-55Ma.	1.69 ea.
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HS 4123	Filament transformer Pri. 0-200-220-240 Sec. 1 5VCT-3A Sec. 2 2.5VCT-10A 10KV ins.	3.98 ea.
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SURPLUS CONTINUED

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HS 5132	1N60 .39 each 3 for 1.00	
HS 5133	Min. Herm. Sealed Relay SPDT 500 ohm coil 18-30V DC Coil	.79 ea.
HS 5134	Coax Relays 24 VDC Coil	2.98 ea.
HS 5135	6 VDC Relay DPD1 and SPST N. O.	.89 ea.
HS 5136	6VDC Relay SPDT SPST N.C. SPST N.O.	.89 ea.
HS 5137	Midget 6 VDC Antenna Relay SPST N.C. SPST N.O.	.79 ea.
HS 5138	6 VDC Relay SPDT SPST N.O.	.79 ea.
HS 5139	6 VDC Relay 3 SPDT SPST N.O.	.98 ea.
HS 5140	12 VDC Relay 3PDT SPST N.O.	.98 ea.
HS 5141	6 VAC Relay SPST N.O. 15 A Contacts	.79 ea.
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HS 5144	Plate Relay 10,000 ohm coil DPDT Contacts	1.19 ea.
HS 5145	Plate Relay 5000 ohm coil SPST N.C. Contacts	.98 ea.
HS 5146	Plate Relay 5000 ohm coil 6PST N.O. SPST N.C.	1.19 ea.
HS 5147	Plate Relay 6500 ohm coil SPST N.C. SPST N.O.	.98 ea.
HS 5148	Plate Relay 1000 ohm coil SPDT SPST N.O.	.89 ea.
HS 5149	Plate Relay 14,000 ohm coil SPST N.O. SPST N.C. SPDT	1.29 ea.
HS 5150	Plate Relay 1500 ohm coil SPST N.C.	.69 ea.
HS 5151	Plate Relay 2000 ohm coil DPDT	.98 ea.
HS 5152	Plate Relay 6500 ohm coil DPDT DPST	1.19 ea.
HS 5153	150 MA- 130V Selenium Rect.	.98 ea.
HS 5154	Standard Coil Tuner 21 MC 1F Complete with two tubes 94061-2	16.95
HS 5155	Standard Coil Tuner 40 MC1F Complete with two tubes TV3129	16.95
HS 5156	SPST Switch	.29 ea.
HS 5157	11,300 ohm DPDT	1.19 ea.
HS 5158	Power transformer 840 VCT-290 MADC 700VCT-270 MADC 12.6 VCT. 10A 5V-5A 5V-5A 6.3V .5A 6.3V .5A	7.95 ea.
HS 5159	FP Condenser 60MFD-450V 40MFD-400V 20MFD-400V 20MFD-400V	.98 ea.
HS 5160	FP Condenser 40-450V 15-450V 10-450V 25-25V	.98 ea.
HS 5161	3-½-inch square speakers	1.59 ea.
HS 5162	30 MFD-500V Condenser	.49 ea.

****

When YOU are operating Portable or Mobile and using telegraph, you must indicate the area numeral after your station call.

CLUB NEWS CONTINUED

50 Mc.

We on 6 meters have been having lots of fun on the band. We had some openings, and the rest of the time it has been local stuff.

W7WLZ has his new Gibson girl up 40 feet and it is working very well. Mike is all set for DX now, so look out fellows. W7TOJ is still working on his Link.

W7BXK, Bill is a newcomer with a bang-up sig. He hopes to have downtown location soon for DX. W7FXY was in this month. We would like to see more of him.

W7SEZ is working on six now and will put in a good sig next week. W7RGS heard K6GAS the 28th of December and also W7KNM of Longview the 26th of December. Hope we can make it to Longview again.

W7VJV has been sick. W7SAO checked in the other might, also W7ER$_A$ and W7HBH have been in, and W7VBH every night. W7OAP is off now, we hope to see him later.

Everyone had a good time on the contest.

Floyd D. Taylor, W7RGS

SWAP & SHOP CONTINUED

FOR SWAP: Ham gear for a small oil heater -- like new. Just right size for your shack.

Robert & Mary Bair
Route 1, Box 1089
Hood River, Oregon

****

FOR SALE: Hallicrafters Model S-38D. Brand new October 29th, 1955. $44.95.

Call Ray Sculoch
BE-6-8030 Portland, Ore.

****

FOR SALE: Complete station or sections:

1. S-53 Hallicrafters receiver $45.00
2. Harvey-Wells Deluxe transmitter $80.00
3. Shure microphone, Model 510-C W/stand $3.00
4. A.R.C. 5, converted to 80 meters with power supply $25.00
5. Power supply for Harvey-Wells, heavy duty, 550 & 650 volts, 250 Ma. Two separate fil. transformers $30.00
6. Speed X Bug, Model 510 $ 3.00

Write of call Marc Nathan, W7NUK
Room 102, McCormick Hall
Pacific University
Forest Grove, Oregon
Phone 7751, Forest Grove

****

Before you buy a

GEIGER COUNTER

CHECK THESE 10 FEATURES

RCA has them all

- ✓ Full-vision, easy-to-read meters
- ✓ All-weather metal case—easy to decontaminate
- ✓ Rugged, durable construction
- ✓ Compact, lightweight, self-contained
- ✓ As easy to use as a portable radio
- ✓ Uses popular portable-radio batteries readily available
- ✓ Low-drain circuits for long battery life
- ✓ 3 counting ranges
- ✓ Handy meter zero-reset button
- ✓ Factory-authorized service

2 10
2 10
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4

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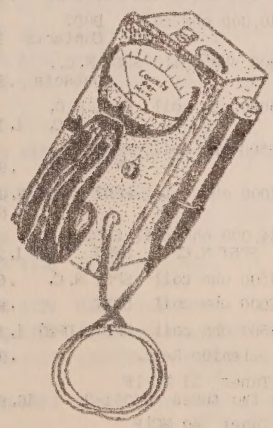
20
40

Whether you're going prospecting on foot, by jeep, or by plane, you'll find the counter you need in RCA's line. You'll get a counter that meets the toughest requirements of professionals plus the quality backed by the greatest name in electronics.

R. C. A.



6 NEW MODELS.....from $119.50 to $750.00.

All units are supplied complete with batteries, radio-active test sample, operating instructions, a carrying strap, and AEC booklet—"PROSPECTING WITH A COUNTER".

Write for more information.

Swap 'n Shop

FOR SALE: National 183-D. $250.00

John McConnell
Phone CApitol 8-1934
Portland, Oregon

****

SWAP OR SELL: First 102 issues of Sam's Photofacts. First 30 used slightly--rest still in original folders. Includes T.V. servicing course. Interested in mobile receiver, test equipment, 35 MM camera and equipment. What have you?

Dick Gosney, W7QMD
101 South Elm
Toppenish, Washington

****

FOR SALE: 300 watt transmitter and power supply. Deluxe construction, metered, all bands 80 - 10. In two 17-inch rack panels. Best offer over $200.00. Write for details.

W7UAQ, Bob Anderson
3350 Soldier Creek Rd.
Grants Pass, Oregon

****

FOR SALE: New, crystal hand microphone. Has never been used. Bought for $2.25. Will sell for $1.50. Not in possession for over 6 months. Philmore microphone.

Leon Leavitt, WN7BEP
Route 1, Box 322
Homedale, Idaho

****

FOR SALE: Full Size 15 meter 3 element beam with C.D.R. AR-2 Rotor. Gud condition.

Jake Leichty, W7RLY
Route 1, Box 350
Albany, Oregon

****

FOR SALE: 1 - 420 Mc recvr & trans sections from APS-13 $3.00. 1 - R4/ARR-2 with 7-9001 tubes $4.00. 1 - BV-453 new W/O tubes - $10.00. 1 - BC-455 new cond W/vol bfo and phone plug without tubes $4.50. 1 - 420 Mc - APS-13 W/tube shields less tubes and dyna. $5.50. 1 - CW Transmitter with 574G, 6V6, 6L6, choke input, meter, 80, 40 meter coils, Bud coax fit for ant. key plug and 3727 Kc crystal, prepd express $28.50. 1 - Set of new 1 to 60 number drills $8.00. All items sent post paid.

C. E. Deonier, W7WYV
P. O. Box 193
Cornelius, Oregon

****

WILL SWAP: Complete 6 meter amateur station for good 16 MM sound projector (B & H) value $800.00.
Have:
- 1 - 6 meter converted Harvey Wells (6146) TV
- 2 - Harvey Wells Deluxe all band transmitters
- 1 - Harvey Wells APS-50 Power supply
- 1 - 300V - 12V input mobile Dynamotor
- 1 - RME 152A VHF Converter
- 1 - New S-40B Hallicrafter receiver
- 1 - 10-11 Gonset Converter cut for 50 Mc.
- 1 - D104 Mike, and 1 - Turner mobile mike
- 1 - CDR Rotator and 4 element 6 meter beam and 15' Tower
- 1 - Antenna scope

Will swap also for good 18' sailboat. Will not break up station, will take Globe King and SX-71 in swap for all.

Mrs. Dorothy Morgan
c/o 1914 Ballinger Road
Seattle 55, Washington

****

FOR SALE: Following transformers all 110 VAC primary, some used, some new, but all in excellent condition. Secondary voltage listed:

24 volt 5 amp	$2.00
6 volt 8 amp	2.00
5 volt 400 volt CT	1.50
6 volt 3 amp, 12 volt 2 amp	
6 V 5 amp, 6 V 5 amp, 50 v 1 amp	1.50
2.5 V 3 amp, 6 V 2 amp, 700 VCT	2.00
5 V 2 amp, 2.5 V 2 amp, 500 VCT	1.75
140 MA 1 hry filter hhoke	1.25
150 MA .65 hry filter choke	1.25
Vibrator transformer new 6 V input 600 volt AC output	$1.75
2200 Volt plate transformer, primary has two windings, may be used on 110 VAC or 220 VAC or by means of switch using 110 VAC on pri one may QRO OR QRP at the flip of a switch. Will handle 1 KW easy.	$12.50
DC power supply 110 VAC input 12 VDC output at about 5 amps.	$ 3.00
PE-103 New condition.	$25.00
Brand new BC-459-A 7 to 9.1 MC transmitter with tubes.	$12.50
Used BC-457-A 4 to 5.3 MC transmitter with tubes.	$ 7.00
New Eico VTVM wired and excellent condition.	$30.00
Heathkit 5 inch oscilloscope completely wired and tested, new condition.	$45.00
BC-625 Fone transmitter modified to 10 meters xtal controlled.	$20.00
15 inch Seeburg Audiotone Acoustic System speakers used but fine condition.	$ 3.95
8 inch Seeburg Audiotone Speakers	1.50
Gray painted crackle finish chassis 15 X 7 X 3-5/8, no holes in them 2 for only	$1.00
Brand new GN-45 hand crank generator for BC-654-A supplies two 6VDC and one 500 VDC may be used as is or hooked up with reduction pulley and run from gas motor for field day use. ONLY	$7.50
Brand new BC-375-E complete with tubes, tuning units.	$65.00

R. D. Dawson
1308 F Street
The Dalles, Oregon

USED EQUIPMENT AT UNITED

Transmitters

ADVENTURER	$49.95
HARVEY WELLS with Power Supply	$79.50
MILLEN 500W Amp., Mod., Power., and Cabinet	$295.00
NAVY TYPE CRV-52093 100 watts with power supply	$ 69.50
HALLICRAFTERS HT-9 with 10 meter coils	$179.50
HARVEY WELLS Deluxe	$ 79.50
McMURDO SILVER No. 701 with Power Supply	$ 14.95

Transceivers

GONSET 6 meter Communicator Excellent condition	$189.50
SCR-522 2 meter Transceiver, Wood cabinet, meter, and Speaker. As is	$39.50

VFO ELDICO VFO-2	$19.95

Miscellaneous

GONSET 100% R	$ 6.95
RADIART 453 6 VDC input, 300/275/250/200 VDC at 100 Ma.	$18.95
REGENCY UHF Converter (new - as is)	$19.95
SUTCO UHF Converter, VHF Booster	$19.95
WEBSTER Wire Recorder (No Amplifier - as is)	$29.95

BUD and PAR METAL 36-inch Rack Cabinets used but in excellent condition.

Regular Bud Price	$28.77
Our special Price	$14.95

(Limited Quantities)

Test Instruments

SIMPSON No. 485 Crosshatch Generator	$39.50
RADIO CITY PRODUCTS No. 704 Signal Generator	$24.50
RCA WV97A Voltohmyst	$39.50
PHILCO G-8004 Cross Dot Line Generator	$69.50
Sprague Tel-O-Mike TO-4	$49.50
PHILCO No. 7070 R.F. Signal Generator	$49.50
PRECISION CR-30 Tube Checker	$49.50
RCA WO-56A Oscilloscope	$189.50
PRECISION E200-C Signal Generator	$ 49.95

Receivers

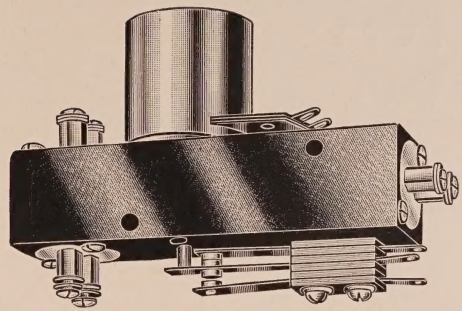
ELMAC PMR-6A with 110VAC Power Supply	$129.50
NATIONAL NC-88	$ 89.50
BC-348P War Surplus	$ 59.50
NATIONAL NC-200 with speaker	$119.95
NATIONAL NC-57B	$ 69.95
HAMMARLUND Super Pro Rack Panel	$139.95
HALLICRAFTERS S-40A	$ 69.50

Converters

RME VHF 152A	$ 69.50

FOR INTELLIGENT OPERATING - More Listening - Short Calls - Break-in.

The New Look For Twin Lead Antenna Relays --For Maximum Antenna Efficiency



Model DKT-IE Antenna Relay

A completely enclosed, highly efficient twin lead antenna relay for use where reliability and hum free operation is of utmost importance.

When consideration was given to adding a twin lead antenna relay to the Dow line, the specifications submitted to engineering were written to provide the ultimate in a twin lead relay. This enclosed model DKT more than meets the original specifications and in its excellent design features, the Dow-Key Company has embodied the rare combinations of rugged efficiency and economical reliability into one high quality relay.

On the basis of impartial tests, the hum free Dow magnet principle is guaranteed in writing to eliminate hum modulation of the carrier due to magnet hum in the antenna relay. This same principle makes it unnecessary to remove most of the back contact pressure to arrive at quiet hum free operation in the energized position.

One of the excellent features of the DKT is the completely enclosed design which eliminates the dust problems common to all open type relays. Improved receiver characteristics with maximum constant level signal transfer are a big feature of this quality product. Heavy contact pressure on wiping action contacts precludes any possibility of contact resistance.

Specifications:

Nominal impedence	300 ohms
Power capability	1000 watts
Transmit contact pressure (each tongue)	45 grams
Receive contact pressure (each tongue)	25 grams
Power consumption	3 to 5 watts

Coil Cycle — All AC & DC magnets designed for continuous duty.

DOW-KEY CO. INC.

WARREN MINN

Comparison Proves ! !

The DKT model twin lead relay is a precision made unit. Completely enclosed body is finished in baked blue-gray wrinkle. Magnet coils are impregnated and baked. Best available RF insulation material used throughout with all RF parts including twin lead terminal posts silver plated. Contacts are made of 3/16" coin silver and are accessible through an inspection port. Standoff spacers, instructions, and warranty slip included with each relay.

Mounting holes drilled for 6-32 clearance or 8-32 tapping 1 11/16" apart and ¼" off center line drawn through body of the relay.

Overall Dimensions

Length	**3 7/8"**
Height	**2½"**
Width	**1 1/8"**
Weight	**8 oz.**

The DKT is available with single pole double throw external switch or double pole double throw external switch.

Coil voltages AC 6, 12, 24, 110, and 220 volts.
DC 6, 12, 24, 48, and 110 volts.

Special voltage coils available.

AMATEUR NET PRICES

DKT-1E	(SPDT external switch)	$8.50
DKT-2E	(DPDT external switch)	9.50

Prices subject to change without notice.

—Sold By—

NEW EQUIPMENT AT UNITED

ANTENNAS

		Amateur Net
Amphenol Folded Dipoles		
80 Meter	139-080	$11.25
40 Meter	139-040	7.80
20 Meter	139-020	6.00
15 Meter	139-020	6.00
11 Meter	139-010	5.35
10 Meter	139-010	5.35
Bay Electronics		
75 Meter 16-foot Vertical	B-4000	23.00
Mobile Antennas		
Master Mobile Whip	100-60S	4.95
	100-72S	4.95
	100-78	5.00
	100-86	5.15
	100-90S	5.20
	100-96S	5.25
Mounts, Body	132	8.75
	132C	8.75
	132SC	9.85
Premax Bumper Mounts Type CA		6.00
Vaaro Mounts available on Special Order		
Coils - Master Mobile 75 Meter	HYQ 76	6.95
40 Meter	HYQ40	6.95
20 Meter	HYQ 20	6.95
All Bander 80-10 No. 666		14.95
Mity Midget 40-10 No. 333		9.95
Vaaro All Bander 80-10	V 102-B	14.95
Webster Band Spanner		29.50
Ship Flexors		
Vaaro-Deluxe Heavy Duty	V110-D	3.95
Standard	V110-S	1.95
Master Mobile Flex Spring		1.95

Remote Tuners and Field Strength Meters

Master Mobile - Master Match complete with Field Strength Meter	24.95
Morrow MLV-70 (6 or 12 volts) Motor driven Variable Inductor	24.95
Morrow FS-1 Field Strength Meter	18.95

RECEIVERS

Hallicrafters	S-38D	49.95
	S-85	119.95
	S-86	119.95
	S-94	59.95
	S-95	59.95
	SX-99	149.50
	SX-96	249.50
	SX-100	295.00
National	SW-54	$50.95
	NC-88	123.50
	NC-98	154.50
	NC-183D	427.50
	NC-300	379.95
	HRO-60 with Speaker	565.50
Hammarlund	HQ-140X	264.50
	Pro-310	595.00

MOBILE - PORTABLE RECEIVERS

Elmac PMR-6A	134.50
Morrow 5BRF	67.95
FTR-2 6 volts	128.40
FTR-2 12 volts	139.10

CONVERTERS

Gonset Super Six	52.50
Literature on other Gonset converters available upon request.	
Tecraft 6 meter converter - wired	42.50
Morrow 5BR2	74.95

R.F. AMPLIFIERS

	Amateur Net
Johnson KW Final 240 - 1000	$1,595.00
Gonset 2 Meter Linear Amplifier	149.50

EXCITER TRANSMITTERS

Central Electronics	SSB 10B Kit	129.50
	SSB 10B Wired	179.50
	SSB 20A Kit	199.50
	SSB 20A Wired	249.50
Elenco SS75 SSB Regular Price 245.00		Special $189.50
Johnson Adventurer Kit		54.95
Ranger Kit Old Model		179.50
Ranger Wired New Model		293.00
Ranger (Mod. Kit)		5.95
Viking II Kit		279.50
Viking II Wired		337.00

MOBILE TRANSMITTERS

Elmac AF-66	177.00
Harvey Wells	179.50

VFO's

Johnson Viking VFO Kit	$45.50
Viking VFO Wired	$69.75
Mobile VFO Kit	$33.95
Mobile VFO Wired	$49.95

TRANSCEIVERS

Gonset 2 Meter	209.50
2 Meter Deluxe	229.50
6 Meter	229.95

POWER SUPPLIES

Elmac PS-2V Universal (transmitter)	49.50
PSR-6 6VDC input (receiver)	24.50
PSR-116 115V-60 cy. (receiver)	24.50
PSR-116S 115V with S meter	35.50
Harvey-Wells APS-90	79.50
James C1050 W & T	49.95
C1051 Kit	39.95
Morrow PW6-12 (for receiver)	29.95

PRESELECTOR

RME DB-23 6 Band	49.50

TEST EQUIPMENT

Eico Test Equipment in Kit Form or wired
Write for special folder.

Phaostron 555 Multimeter	39.95
Leather Carrying Case	5.95
Kirby R-C. Substitution Box SU-109	15.95

TRANSISTOR KIT, Sylvania - 1 Book, 2 Transistors, 1 Crystal Diode. 4.95

Printed Circuit Kit for making your own Kepro Professional Kit 5.40

MISCELLANEOUS Ham Shack Items

Absorption Meter Bud GX-79	9.00
100 KC Xtal Calibrator Bud FCC-90	17.25
Low Pass Filter Bud LF-601	13.50
Johnson 250-20	13.50
Ameco LN-1	1.95
Noise Clipper Gonset 3001	9.25
Epco Squelch & Noise Suppressor SNS	10.80
Q Multiplier Central Electronics Kit DQ	22.50
Q Multiplier " " Wired FQ	29.50
Signal Slicer " " Wired B	99.50
TR Switch Transistron TR-1000	9.95
Central Elec. 5 Band 458 VFO Conv. Kit	15.00

NEW BOOKS

Practical Transistor Applications Raytheon	.50
Probes by Gernsback	2.50
Basic Electricity * per book	2.00
Basic Electronics * per book	2.00
* Set of Five books	9.00
ARRL Antenna Book 7th Edition	2.00
ARRL Mobile Handbook	2.50

PLEASE FEEL FREE TO WRITE FOR FURTHER INFORMATION ON ANYTHING LISTED ON THIS PAGE.

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Portland 9, Oregon

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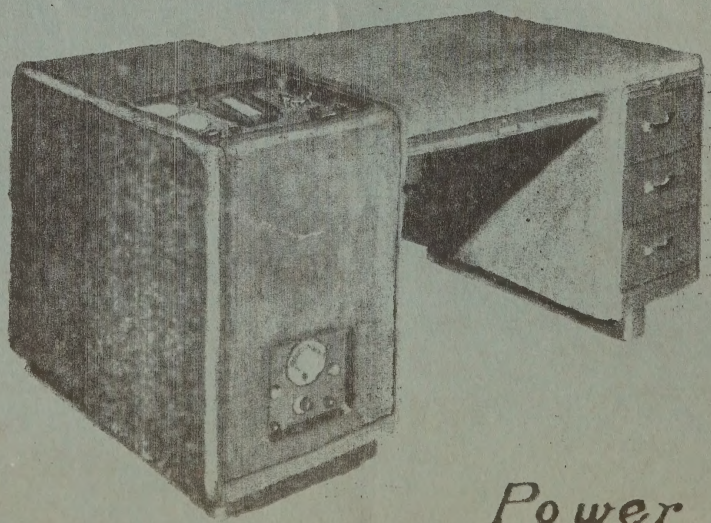
A Dream Fulfilled



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Power Amplifier